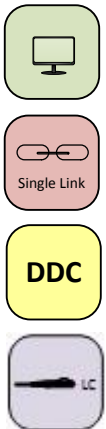


Direct Fiber Input Card for Christie® Entero™ HB Video Wall Cubes
 VelocityDVI – Single-Link DVI Extender



Thinklogical® and Christie have partnered to provide a highly secure and easy to integrate fiber optic extension solution for Christie Entero HB video wall cubes, the VelocityDVI 3 Direct Fiber Optic Input Card. This co-developed input card installs directly into Christie Entero HB video wall cubes, eliminating additional copper cabling between the video source and the cube.

The VelocityDVI 3 Direct Fiber Input Card supports one single-link DVI signal, for extension up to 80km without any loss of resolution. Powered by Thinklogical’s patented Multi-Rate Transmission System (MRTS) technology, every frame of a video stream is transported seamlessly, with no compression or dropped frames.

This solution provides a simple installation, eliminating the need for an external receiver, an additional external power supply and a DVI cable, typically used to connect the receiver to the display. Christie Entero HB video wall cubes utilize LED’s and are ideal for 24/7 environments. Combined with Thinklogical’s MTBF of over 100,000 hours and ability to hot-swap an optical module in the unlikely event of a failure, this direct input card solution provides users with continuous operation. As a fiber based solution, users increase their security, eliminating the electromagnetic interference found in copper cabling.

THE SYSTEM

The system includes a VelocityDVI 3 Transmitter, or any Single Link Velocity DVI or KVM Transmitter, which connects to the source. The Transmitter converts the DVI signal from the source into optical data for fiber optic transmission. Dependent on the application, the Transmitter connects to the Thinklogical Direct Input Card over multi-mode or single mode fiber optic cable. The Input Card, or receiver, is installed directly into a Christie Entero HB video wall cube. The Input Card receives the signal from the transmitter, delivering content to the cube. The system requires only a single fiber connection for video transmission, with an optional second fiber connection for EDID table support. Single fiber applications require that the Christie EDID table is manually loaded into Thinklogical’s Transmitter, for support of Christie resolutions. For routing applications, the direct input card is compatible with all Thinklogical MX and VX Routers.



An easy integration, with fewer points of failure, requiring only a single strand of fiber.

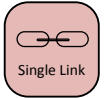
- No external receiver
- No additional external power supply
- No DVI cabling from receiver to cube



For Christie Entero HB Video Wall Cubes

[Models: RPMSP-LED02, RPMHD-LED02, RPMWU-LED02](#)

Direct Fiber Input Card for Christie® Entero™ HB Video Wall Cubes
 VelocityDVI – Single-Link DVI Extender



Product Features

- Supports One Single-Link DVI signal (All single-link DVI signals)
- 6.25Gbps allows for full frame rate transmission of uncompressed DVI
- Patented MRTS Technology provides flawless image quality with no frame dropping
- HDCP Compliant (with HDCP Compliant Transmitter)
- DDC/EDID Compliant
- Mini-USB port for future software program updates
- LC fiber connectors
- Hot-swappable optical module (SFP+)
- Simple plug and play design
- MX and VX Router Compatibility, Scalable from 5 to 640 ports
- LED Status Lights
- Software revision
- Hardware code revision
- Fiber input link
- Video receiving
- Temperature
- Active back channel output
- SFP status
- Valid EDID table
- Multi-Mode or Single Mode Compatibility
- Multi-Mode Extension up to 1000 meters
- Single Mode Extension up to 80 kilometers

Specifications	
Video Resolution	DVI-D, All single-link DVI resolutions
Operating Temperature	0°C-50°C; 32°F-122°F
Humidity	5-95% RH, Non-condensing
Optical Cable	Two (2) Multi-Mode or Single Mode Fiber Optic Cables (Not supplied, available for purchase)
Optical Distance	Multi-Mode: 1000m 50m: OM1 (62.5/125) · 350m: OM2 (50/125) · 750m: OM3 (50/125 SX+) · 1000m: OM3e (50/125eSX+) Single Mode up to 80km – All Distances: OS2 (9/125)
Compliance	Approvals for United States of America, Canada, and European Union
Warranty	12 months from date of shipment – Extended warranties available for purchase
Dimensions	
Height	1.090" (27.69mm)
Depth	3.772" (95.81mm)
Width	2.795" (70.99mm)
Tolerance	± .039" (0.99mm)
Weight	.448 lbs. (0.203kg)
Shipping	3 lbs. (1.36kg)
Power Consumption	5 Watts
Connectors	
Software Updates	Mini USB B
Fiber Connectors	LC

Ordering Information

Part Number	Description
VEL-CHR003-LCRX	Velocity 3 Direct Fiber Input Card for Christie® Entero™ HB Video Wall Cubes, Single Link DVI Receiver, HDCP, DDC, LC

To configure as Single Mode extender, include either:

VOP-S04	Single Mode Optics Package for extension up to 10km
VOP-S101	Single Mode Optics Package for extension up to 40km
VOP-STBD	Single Mode Optics Package for extension up to 80km